NORTH DAKOTA ENTERPRISE ARCHITECTURE

STANDARD AST003-05.2   EFFECTIVE: September 27, 2005
                                         REVISION #:   2
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PUBLIC ON-LINE SERVICES USER AUTHENTICATION

Purpose

To enhance customer service by simplifying access to state on-line services.

Standard

1. New applications that provide authenticated public access to state on-line services shall use a State of North Dakota Login ID.
2. All applications utilizing the State of North Dakota Login ID shall assign user accounts accessing the application to at least one security group defined within the State of North Dakota Login ID System.
3. All applications utilizing the State of North Dakota Login ID that link individual user accounts to application information shall use the user account's Globally Unique Identifier (GUID) as the link attribute.

Policy

To allow a citizen or private business access to applicable state on-line services using the same login ID.

Applicability

This standard applies to all executive branch state agencies including the University Systems Office but excluding other higher education institutions, i.e campuses and agricultural and research centers.

Definition

Application – A software solution that accomplishes one or more business processes.

New Applications – New application software or replacement of existing application software, including all custom developed software, vendor software, and off-the-shelf software. Maintenance to an existing application is not considered new development.

State of North Dakota Login ID – A unique account created by a user via the State of North Dakota Login System (self-registration system).

Authenticated Public Access – The act of verifying and granting a user access to one or more online services via the same login ID and password.

Public – A non-government entity, including but not limited to citizens, private businesses, non-profit organizations, etc.

Globally Unique Identifier (GUID) - A pseudo-random number used in software applications. The State of North Dakota Login System assigns each newly created account a GUID.

Guidance

1. The State of North Dakota Login ID satisfies the Level 1 technical requirements of the National Institute of Standards and Technologies (NIST) Electronic Authentication Guideline (Special Publication 800-63 dated September 2004) http://csrc.nist.gov/publications/nistpubs/800-63/SP800-63v6_3_3.pdf

2. State of North Dakota Login ID Documentation (Contact Information Technology Department - Software Development)

3. Login ID Creation Process Document (Contact Information Technology Department - Software Development)

Non-Compliance

Non-compliance with this standard shall be reported to the Office of the State Auditor.

Version Control

This standard supersedes AST003-05.1